



National Agricultural Statistics Service
Iowa Field Office

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In Cooperation with the Iowa Department of Agriculture and Land Stewardship

For the week ending July 29, 2012

Iowa received widespread rainfall with the heaviest precipitation in the central and northern parts of the state. Crop conditions continue to suffer as the rain was too late for some of the corn and winds flattened the weakened crop in some areas. Farmers continue to chop corn.

There were 6.4 days suitable for fieldwork statewide during the past week. Topsoil moisture levels improved slightly to 71 percent very short, 25 percent short, 4 percent adequate, and 0 percent surplus. Subsoil moisture dropped to 67 percent very short, 29 percent short, 4 percent adequate, and 0 percent surplus.

Ninety-seven percent of the corn crop is silking, ahead of last year's 86 percent and the five-year average of 77 percent. Sixty-five percent of the corn crop has reached the milk stage. Thirty-six percent of the corn crop has reached dough stage, two weeks ahead of normal. Eight percent of the corn crop has reached the dent stage, the most advanced the crop has been at the end of July since 1987. Corn condition is reported at 18 percent very poor, 28 percent poor, 34 percent fair, 19 percent good, and 1 percent excellent. Ninety-three percent of the soybean crop has bloomed, ahead of last year's 88 percent and the five-year average of 85 percent. Pods are being set on 57 percent of the soybean crop, ahead of last year's 43 percent and the five-year average of 47 percent. Soybean condition is rated 12 percent very poor, 22 percent poor, 41 percent fair, 24 percent good, and 1 percent excellent. Ninety-eight percent of the oat crop has been harvested, just over three weeks ahead of normal. Harvest of third cutting of alfalfa hay, at 63 percent complete, is just over a month ahead of normal.

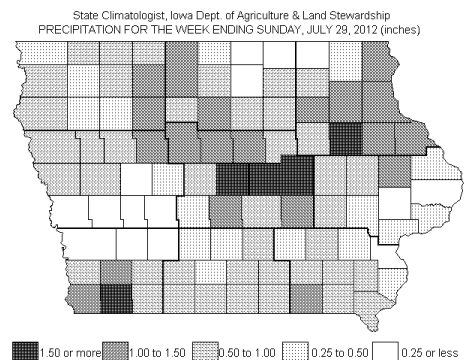
Less than one-fifth of Iowa's pasture and range land is rated in fair or better condition. Pasture and range condition rated 55 percent very poor, 27 percent poor, 15 percent fair, 3 percent good, and 0 percent excellent. Reports of livestock losses continued as temperatures early in the week again soared over 100 degrees.

IOWA PRELIMINARY WEATHER SUMMARY
Provided by Harry Hillaker, State Climatologist
Iowa Department of Agriculture & Land Stewardship

The past reporting week began with very hot weather on Monday (23rd), Tuesday (24th) and Wednesday (25th) with triple digit heat being widespread across the southern two-thirds of Iowa. The heat subsided somewhat on Thursday (26th) with readings falling a little below normal in many areas on Friday (27th) and over most of the state on Saturday (28th). Eastern Iowa enjoyed one more day of milder weather on Sunday (29th) but temperatures in the low to mid 90s returned to the southwest. Temperature extremes for the week ranged from Monday afternoon highs of 107 degrees at Donnellson, Fairfield and Keokuk to a Saturday morning low of 53 degrees at Manchester. The 107 degrees temperatures on Monday were the highest official readings recorded in Iowa since Keosauqua reached 107 on July 29, 1999. Temperatures for the week as a whole averaged 5.9 degrees above normal. Thunderstorms were widespread on Wednesday night and again from Saturday morning into Sunday morning. The heaviest rains on Wednesday night of one to two inches were mainly restricted to a small part of far southwest Iowa and over several northeastern counties centered near Waterloo-Cedar Falls. The weekend rains were greatest over a small area of northwestern Iowa where an inch or more fell from near Spencer to near Fort Dodge. Most of Iowa saw some rain during the week, however, locations such as Atlantic, Audubon, Harlan and Guthrie Center were left dry. At Audubon there have now been 36 consecutive days without measurable (0.01 inch or more) rainfall. Greatest rain totals for the week were recorded at Traer (Tama Co.) with 2.78 inches and the Oelwein Airport with 2.89 inches. The statewide average precipitation was 0.70 inches while normal for the week is 0.96 inches. This was the wettest week in five weeks yet was also the 11th week of the past 12 with less than usual rainfall. While the rain was very welcome, Wednesday night's storms were accompanied by severe weather with high winds and/or large hail reported from 34 counties. Preliminary data indicate that July 2012 will likely go into the record books as the third hottest and fifth driest July among 140 years of state records.

Crop Conditions as of July 29, 2012

Item	Very Poor	Poor	Fair	Good	Excellent
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Corn	18	28	34	19	1
Soybeans	12	22	41	24	1
Pasture & Range	55	27	15	3	0



Field Work and Crop Progress as of July 29, 2012

Item	Districts									State	Last Week	Last Year	5-yr Avg
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Corn silked	98	99	94	99	99	95	97	94	94	97	89	86	77
Corn in or past milk stage	66	69	47	69	66	70	75	60	65	65	35	27	27
Corn in or past dough stage	31	41	22	37	42	29	57	24	38	36	12	3	4
Corn in or past dent stage	6	6	1	12	9	8	21	11	9	8	1	0	0
Soybeans bloomed	98	98	91	96	95	89	92	86	83	93	84	88	85
Soybeans setting pods	69	64	46	64	58	57	58	40	35	57	34	43	47
Oats harvested for grain	98	96	97	99	99	99	99	99	98	98	91	66	55
Hay, alfalfa - 3rd cutting	66	49	82	74	73	64	51	51	56	63	48	6	6

Days Suitable & Soil Moisture Condition as of July 29, 2012

[illegible]

Weather Summary For National Agricultural Statistics Service, Iowa Field Office.
For the week ending: 7:00 am Sunday, July 29, 2012, Prepared by AWIS, Inc.

Station	Current Week						Since April 1			
	Temperature				Precipitation		Precipitation		GDD Base 50F	
	High	Low	Avg.	DFN	Total	DFN	Total	DFN	Total	DFN
	North West District									
Estherville	95	58	77	6	0.52	-0.25	13.12	-0.37	2,014	509
Sioux Center	100	60	79	6	0.13	-0.58	11.72	-1.96	2,291	463
Spencer	100	57	79	7	1.46	0.55	14.49	0.44	2,156	542
Spirit Lake	98	62	77	5	0.95	0.17	14.33	0.88	2,048	462
North Central District										
Britt	98	59	78	5	0.87	-0.03	13.10	-2.09	1,929	374
Dakota City	100	60	79	6	0.98	0.07	12.00	-3.43	2,092	399
Mason City	99	55	78	6	0.13	-0.78	9.89	-5.75	1,996	416
Osage	98	59	77	5	0.11	-0.87	12.97	-2.65	1,911	408
North East District										
Decorah	100	58	78	5	0.11	-0.73	11.84	-3.45	2,069	463
Dubuque	101	59	78	6	0.25	-0.66	7.46	-8.43	1,963	387
Elkader	101	56	77	5	1.41	0.43	10.88	-4.13	1,725	183
Fayette	101	59	78	6	1.95	0.97	14.31	-1.61	1,908	478
Waterloo	104	58	80	8	0.54	-0.49	10.19	-6.26	2,154	455
West Central District										
Carroll	102	60	81	8	0.41	-0.50	11.13	-5.56	2,165	447
Castana	102	62	81	7	0.72	0.02	13.83	-0.66	2,162	271
Guthrie Center	103	56	81	7	0.00	-0.81	10.93	-4.85	2,211	445
Harlan	100	59	79	5	0.00	-0.77	11.23	-4.18	2,141	445
Jefferson	101	59	79	6	0.38	-0.53	9.02	-7.67	2,134	399
Logan	101	61	81	6	0.00	-0.77	12.23	-2.91	2,239	392
Rockwell City	101	59	79	5	1.01	0.08	12.69	-2.84	2,090	400
Sac City	100	59	79	5	0.30	-0.49	12.56	-2.64	2,012	413
Sioux City	104	61	82	7	0.15	-0.55	13.96	1.14	2,345	545
Central District										
Boone	102	61	79	6	1.03	0.22	12.85	-3.79	2,082	369
Des Moines	106	66	85	9	0.96	0.12	12.45	-2.59	2,615	706
Grundy Center	100	59	79	7	0.58	-0.39	11.74	-4.40	2,069	469
Marshalltown	102	58	79	7	0.59	-0.39	6.51	-9.53	2,233	528
Newton	105	62	81	7	0.10	-0.74	8.64	-6.96	2,180	302
Perry	103	60	81	7	0.53	-0.29	13.27	-2.45	2,186	474
Toledo	103	58	79	6	1.45	0.45	9.81	-6.57	1,996	395
East Central District										
Cedar Rapids	103	61	80	7	0.57	-0.32	7.85	-7.49	2,144	364
Davenport	99	60	80	5	0.13	-0.77	12.30	-2.67	2,198	243
Iowa City	105	66	83	8	0.23	-0.85	10.04	-6.88	2,323	276
Lowden	102	57	79	7	0.09	-0.89	10.46	-6.43	2,079	412
Maquoketa	100	57	78	5	0.14	-0.68	7.74	-7.32	1,898	266
Muscatine	101	61	81	6	0.34	-0.62	13.72	-2.26	2,144	179
South West District										
Atlantic	102	57	81	7	0.00	-0.80	10.51	-4.12	2,212	416
Clarinda	102	62	81	6	1.91	0.83	12.95	-4.34	2,303	513
Glenwood	104	63	83	8	0.95	0.11	10.51	-5.51	2,305	354
Red Oak	103	62	82	6	1.20	0.29	17.23	-0.02	2,402	529
Sidney	104	65	84	8	0.92	-0.13	10.62	-5.52	2,439	460
South Central District										
Allerton	104	63	83	9	0.92	-0.06	11.21	-4.89	2,219	420
Beaconsfield	101	62	82	7	0.41	-0.51	11.22	-4.50	2,206	458
Chariton	104	61	82	8	0.83	-0.09	13.54	-3.10	2,257	562
Indianola	105	57	83	8	0.31	-0.53	8.55	-7.46	2,244	556
Leon	103	57	81	6	0.42	-0.49	13.21	-2.93	2,149	434
South East District										
Bloomfield	106	60	83	8	1.12	0.10	10.72	-5.44	2,308	451
Burlington	104	62	82	6	0.43	-0.48	10.84	-4.50	2,375	373
Ottumwa	106	60	83	7	0.81	-0.16	11.34	-3.91	2,304	297
Washington	105	60	82	6	0.39	-0.50	14.18	-0.87	2,227	320

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2012: AWIS, Inc. All Rights Reserved.